

Test Number: NPP_LPEATE_302_v2.2.6_check

Discipline: All

Test Title: Check of LPA PGE302 v2.2.6, based on OPS v2.2.5. DNB Geo outputs are Ellipsoid, as always, but now use a new ESDT of NPP_DNBG_L1, but downstream DNB SDR still uses NPP_VDNE_L1.

Test Objective: This test will ensure that PGE302 v2.2.6 outputs match those produced by PGE302 v2.2.5 except NPP_DNFT_L1 will now be called NPP_DNBG_L1.

Test Time Interval: 2013102 00:00 – 23:59.

Machine/Archive Set: ops7, archive set to be assigned by Operator. Assigned AS3106.

Related Test(s): NA

Baseline DataSet: AS3001 on ops4

Input DataSet: NP5_RVIRS_L0 products as ingested from SD3E into ops4 AS1. As well as the following ancillary data files:

NPP_TLE

NPP_USNOPW

Actions: (special notes or processes)

- Establish a clone of the VIIRS RDRs that are received from IDPS in AS1 to test archive
- Start/End Profile for recipes is 2.
- Verify the PGE_Profile_Params_Def has been updated with new entries on ops7 before running test. Entries should match lp1.

NOTE: Make sure DataHiddenFromProduction has been populated on ops7 prior to beginning test

Recipes/PGEs to be tested :

NOTE: PGE Version changed to P2.2.7 for PGE302a, PGE302b, PGE302c, PGE302d, and corresponding recipe bumped to version 2.2.8, due to a flaw in the PGE302a and PGE302b LoaderModules being identified during the first attempt to execute this test.

| <u>Recipe</u> | <u>Version</u> | <u>PGE</u> | <u>Version</u> | <u>Type</u> | <u>PGE Name</u> |
|---------------|----------------|-------------|------------------|-------------|---------------------------------|
| 0mc | 2.2.1 | 301 | P2.2.1 | OPS | VIIRS L0 Verified RDR |
| 1amc | 2.2.8 | 302a | P2.2.7 | LPA | VIIRS L1 Geo |
| 1bmc | 2.2.8 | 302b 394 | P2.2.7 C2.2.0 | LPA OPS | VIIRS L1 SDR L1/L2 Subsetter |
| 1cmc | 2.2.8 | 302c | P2.2.7 | LPA | VIIRS L1 BP |

1dmc

2.2.8

302d P2.2.7

LPA

VIIRS L1 SD

Test output products to be archived to LAADS:

NPP_GRCDNE_L1

NPP_GRCIAE_L1

NPP_GRCMAE_L1

NPP_IMFT_L1

NPP_MOFT_L1

NPP_UDGTGIP_L1

NPP_VBPXIP_L2

NPP_VCDGIP_L1

NPP_VDNE_L1

NPP_VIAE_L1

NPP_VIAE_L1C

NPP_VIIRS_L0

NPP_VMAE_L1

NPP_VMAE_L1C

NPP_VOBCIP_L1

Data Set Volume: Approximately

NPP Test Group Notes

Changes to Test Plan:

Final Plan Approved by:

Date:

Test Started:

Test Completed:

Verified in LAADS

Production Notes:

***Additional Processing Notes:

Test Results:

Data Set Removal Information

Date:

Approved by: